

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RULE 1.116 (b) AMENDMENT

Atty. Docket No.  
ALAB001US1

Applicant: Mark E. Ander

Application Number

Filed

10/806,049

March 22, 2004

Application Title

GRAVITY TECHNIQUES FOR DRILLING AND LOGGING

Group Art Unit

Examiner

2856

Raevis, Robert R.

Confirmation No.

MAIL STOP AF

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Certification Under 37 C.F.R. §1.8

I hereby certify that the documents listed below are being Faxed to the United States Patent Office faxed Central FAX number (571-273-8300) on February 6, 2006.

*Lee Ann Carter*  
Lee Ann Carter

RULE 1.116(b) AMENDMENT

In response to the Advisory Action before the Filing of an Appeal Brief dated December 14, 2005, the period for response to which extends through February 13, 2006, with a 1-month extension of time included herewith, please amend the above-identified application as follows:

**Amendments to the claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.

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**Summary of the Advisory Action**

**Non-Entry of Amendment After Final Rejection**

The proposed amendment filed after final rejection, but prior to the date of a filing a brief was not entered because, per the Examiner, the amendment raised new issues that would require further consideration and/or search; the amendment raised the issue of new matter; and/or the amendment did not place the application in better form for appeal by materially reducing or simplifying the issues for appeal.

In particular, the Examiner states that Claim 8 is different from allowable Claim 6. The Examiner points out that Claim 6 is directed to gravity sensors that are connected to form a single apparatus, while Claim 8 is directed to an array of sensors that are not necessarily so connected. Also, states the Examiner, Claim 8 separately refers to an array and "subsurface logging apparatus," suggestive that something is being claimed twice in Claim 8.

**Allowable Subject Matter**

According to the Examiner, the newly amended Claims 2 through 7 would be allowable if submitted in a separate, timely-filed amendment canceling the non-allowable Claim 8.

**Response to the Advisory Action**

The Examiner is thanked for the thorough and complete review of the Application.

Claims 8 and 9 are withdrawn. Therefore, Claims 2 through 7 are currently pending in this application.

**LISTING OF CLAIMS**

1. (Previously Withdrawn)
2. (Previously Amended) The apparatus of Claim 6, the logging apparatus comprising a logging sonde, coil tubing, or wireline.
3. (Previously Amended) The apparatus of Claim 6, where a sensor drift associated with one gravity sensor is time-correlated with a sensor drift of another gravity sensor.